

Presentations from the Tenth Annual Great Divide Weather Workshop Billings, Montana - October 3-5, 2006

Tuesday, October 3

[State of the National Weather Service](#)

BGEN D.L. Johnson – *Director, NOAA's National Weather Service*

[NOAA's National Weather Service and the Kampgrounds of America: A Partnership for Public Safety](#)

Scott Carpenter, Tom Frieders, Jim Maczko and Matt Solum - *WFO Billings, MT*

[Weather and Society Integrated Studies: Changing the Culture of Meteorology to Embrace Societal Impacts – Moving from What WAS to What IS](#)

Dr. Eve Gruntfest – *University of Colorado – Colorado Springs, CO*

[A Vision for Outreach in the National Weather Service](#)

Mike Cantin – *WFO Pocatello, ID*

[Weather & Society: Using Climate Data for Disaster Preparedness and Public Education](#)

Pamela Shrauger – *Big Sky Hazard Management LLC – Bozeman, MT*

[Back to the Future with Lewis and Clark](#)

John Pulasky – *Our Montana Inc. – Billings, MT*

Wednesday, October 4

[Space Weather: Challenges and Opportunities](#) (videos available from NWS Billings upon request)

Dr. Thomas Bogdan - *NOAA's Space Environment Center – Boulder, CO*

[StormLog and Associated Google Earth Applications at WFO Billings](#)

Dan Borsum, Don Moore and Matt Solum – *WFO Billings, MT*

[The Storm Prediction Center Fire Weather Program and Recent Fire Events across the Northern Rockies and Northern High Plains](#)

Jared Guyer – *NOAA's Storm Prediction Center – Norman, OK*

[The IMET Experience and Application at the WFO](#)

Dan Borsum – *WFO Billings, MT*, **Jennifer Zeltwanger** – *WFO Glasgow, MT*

[Forecasting High Wind Events in Grangeville, Idaho](#)

Michael S. Johnson – *WFO Missoula, MT*

[A Review of the Weather Pattern in Montana for the 2005-2006 Cool Season and the Correlations to Tropical Convection](#)

Don Moore – *WFO Billings, MT*, **Eugene Petrescu** – *WFO Missoula, MT*

Wednesday, October 4 - Continued

[How Do Tropical Systems near the East Asian Coast Impact Montana Weather?](#)

Don Moore – WFO Billings, MT, **Eugene Petrescu** – WFO Missoula, MT

[New Gridded MOS Precipitation Products: Making the Transition from Station-Based Guidance to a True High-Resolution Forecast](#)

Mark Antolik - NOAA's Meteorological Development Laboratory – Silver Spring, MD

[Post-Processing MOS Using a Moving Average Approach](#)

Don Britton – WFO Great Falls, MT

[Studying the Effectiveness of the WRF NWP Model in Forecasting Events in Western Montana](#)

Anna Klene and **Don Morton** – University of Montana – Missoula, MT

Eugene Petrescu – WFO Missoula, MT

[The HPC Winter Weather and Model Diagnostics Desks](#)

Richard Bann - NOAA's Hydrometeorological Prediction Center – Camp Springs, MD

[Utilization of Climatological POPs to Enhance the Extended Forecast Process](#)

Joe Lester and **Brian Tesar** – WFO Billings, MT

[Western Region Climatological PoP Grids for GFE](#)

Bill Rasch – WFO Billings, MT

Thursday, October 5

[The Changing World of Aviation Weather Information and Its Use](#)

Jack May - NOAA's Aviation Weather Center – Kansas City, MO

[Weather Systems and Their Effects on the 341 Space Wing Complex at Malmstrom Air Force Base, MT](#)

Lt. Brian H. Yates - Malmstrom Air Force Base – Great Falls, MT

[Severe Weather Warning Decision Making Research and Development Improvements](#)

(videos available from NWS Billings upon request)

Gregory J. Stumpf - NOAA's National Severe Storms Laboratory – Norman, OK

[The Community Collaborative Rain, Hail and Snow Network \(CoCoRaHS\)](#)

Nolan J. Doesken, **Henry W. Reges**, **Julian Turner** - Colorado State University – Fort Collins, CO

[An Observational Analysis of a Severe Damaging Wind Event](#)

Jon Chamberlain – WFO Bismarck, ND

October 4-5, 2005 Snow Event in Billings, MT

(Entire Presentation available from NWS Billings upon request)

Scott Carpenter, **Don Moore**, **Matt Solum**, and **Liz Stoppkotte** - WFO Billings, MT